

### **Amendments to the Specification**

**Please amend the paragraph beginning at page 4, line 6, as follows:**

In the power measuring unit 69, the power of transmission signal (transmission power) entered from the base band signal generator 61 is detected, and the detection result is sent ~~noticed~~ to the controller 68.

**Please amend the paragraph beginning at page 10, line 27, as follows:**

Referring now to Figs. 12(a) - 12(e), the principle of compensating the distortion occurring in the amplifier is explained.

**Please amend the paragraph beginning at page 14, line 24, as follows:**

Accordingly, when updating the control value corresponding to the input level of low frequency of occurrence, the density of the adjacent channel leak power component corresponding to such input level is low in the integration result, and the control value of the compensation table 74 cannot be updated to a proper ~~p-roper~~ value, or it takes much in convergence into optimum control value, or the control value does not converge.

**Please amend the paragraph beginning at page 22, line 15, as follows:**

Figs. 12(a) - 12(e) ~~are~~ is a diagrams for explaining the principle of distortion compensation.